

Laboratory Services

5012 Causeway Blvd * Tampa Fl. 33619 * Ph (813)630-7378 * Fax (813)630-7360 * DOH #E54272

Report For: Roma Wolf, Progress Energy Florida
P.O. Box 368
Intercession City, FL 33848

Report Date: 8/15/2006
Laboratory ID: AA84268
Location Code: PEI-#2-ICC

roma.wolf@pgnmail.com

Route To: Progress Energy - Intercession City, Progress Energy - Admin

Sample Information

Description: #2 Oil, Inter. City GT, Progress Energy Inc.

Sampled By: DAN BATTEN

Project Account Code: 01

Date and Time Collected: 8/1/2006 8:00:00 AM

Sample Collection Method: Sampled by Customer

Date of Sample Receipt: 8/1/2006

UNIT NUMBER: Tank #1

SAMPLE TYPE: CEMS

Laboratory Results

PARAMETER	Result	Units	MDL	Qual Code	Test Method	Analyst	Analysis Date & Time	Lower Limit	Upper Limit	Violation Check
API Gravity @ 60 Deg. F	35.3	Degrees API	0.1		ASTM D5002	PJ	08/01/06 11:30			
<u>Carbon, Hydrogen, and Nitrogen in Oil</u>										
Carbon	86.8	%	0.1		ASTM 5291	MM	08/10/06 09:00			
Hydrogen	13.4	%	0.1		ASTM 5291	MM	08/10/06 09:00			
Nitrogen	< 0.1	%	0.1	U	ASTM 5291	MM	08/10/06 09:00			
Density @ 15 C (59 F)	1.0656	kg/L	0.0001		ASTM Table3	PJ	08/01/06 15:35			
Gross Heat of Combustion, Oils, (HHV)	19552	BTU/Lb.	1		ASTM D-240	PJ	08/07/06 15:08			
Gross Heat of Combustion, Oils, (HHV)	138096	BTU/Gal.	1		Calculation	PJ	08/07/06 15:08	137000		
Gross Heat of Combustion, Oils, (HHV)	5800032	BTU/Barrel	1		Calculation	PJ	08/07/06 15:08			
Net Heat of Combustion, Oils, (LHV)	18330	BTU/Lb.	1		ASTM D-240	GAH	08/15/06 10:14			
Net Heat of Combustion, Oils, (LHV)	129465	BTU/Gal.	1		Calculation	GAH	08/15/06 10:14			
Net Heat of Combustion, Oils, (LHV)	5437530	BTU/Barrel	1		Calculation	GAH	08/15/06 10:14			
Pounds / Gallon @ 60 Deg. F	7.063	Lbs /Gal.	0.001		ASTM D-287	PJ	08/01/06 15:35		9.5	
Relative Density 60/60 Deg F	0.8483		0.0001		ASTM D-1298	PJ	08/01/06 15:35			
Sulfur in Petroleum Products	0.08	%	0.01		ASTM D-1552	EMD	08/02/06 15:38		0.20	

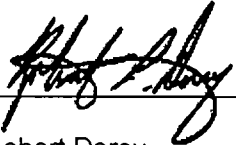
Comments

Api and Sulfur Rush

Data Qualifier Codes Explanation:

U - Indicates that the compound was analyzed for but not detected.

Should there be any questions regarding this report, please contact:



Robert Dorey,
Manager, Laboratory Services
(813) 630-7378

Analyses reported by this laboratory are based upon material supplied by the client. Laboratory Services does not imply that the contents of the sample received by this laboratory same as all such material in the environment from which the sample was taken. Our results relate only to the sample or samples as tested. Tampa Electric assumes no responsibility makes no warranty or representation, express or implied, as to the suitability of the sample material for any specific use.

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Report Date: 8/15/2006
Laboratory ID: AA84269
Location Code: PEI-#2-ICC

roma.wolf@pgnmail.com

Route To: Progress Energy - Intercession City, Progress Energy - Admin

Sample Information

Description: #2 Oil, Inter. City GT, Progress Energy Inc.

Sampled By: DAN BATTEN

Project Account Code: 01

Date and Time Collected: 8/1/2006 8:30:00 AM

Sample Collection Method: Sampled by Customer

Date of Sample Receipt: 8/1/2006

UNIT NUMBER: Tank #2

SAMPLE TYPE: CEMS

Laboratory Results

PARAMETER	Result	Units	MDL	Qual Code	Test Method	Analyst	Analysis Date & Time	Lower Limit	Upper Limit	Violation Check
API Gravity @ 60 Deg F	34.3	Degrees API	0.1		ASTM D5002	PJ	08/01/06 11:30			
<u>Carbon, Hydrogen, and Nitrogen in Oil</u>										
Carbon	86.0	%	0.1		ASTM 5291	MM	08/10/06 09:00			
Hydrogen	12.9	%	0.1		ASTM 5291	MM	08/10/06 09:00			
Nitrogen	< 0.1	%	0.1	U	ASTM 5291	MM	08/10/06 09:00			
Density @ 15 C (59 F)	1.0656	kg/L	0.0001		ASTM Table3	PJ	08/01/06 15:35			
Gross Heat of Combustion, Oils, (HHV)	19445	BTU/Lb.	1		ASTM D-240	PJ	08/03/06 09:00			
Gross Heat of Combustion, Oils, (HHV)	138176	BTU/Gal.	1		Calculation	PJ	08/07/06 15:09	137000		
Gross Heat of Combustion, Oils, (HHV)	5803392	BTU/Barrel	1		Calculation	PJ	08/07/06 15:09			
Net Heat of Combustion, Oils, (LHV)	5452104	BTU/Barrel	1		Calculation	PJ	08/11/06 09:13			
Net Heat of Combustion, Oils, (LHV)	129812	BTU/Gal.	1		Calculation	PJ	08/11/06 09:13			
Net Heat of Combustion, Oils, (LHV)	18268	BTU/Lb.	1		ASTM D-240	PJ	08/11/06 09:13			
Pounds / Gallon @ 60 Deg F	7.106	Lbs /Gal.	0.001		ASTM D-287	PJ	08/01/06 15:35		9.5	
Relative Density 60/60 Deg F	0.8534		0.0001		ASTM D-1298	PJ	08/01/06 15:35			
Sulfur in Petroleum Products	0.12	%	0.01		ASTM D-1552	EMD	08/02/06 15:38		0.20	

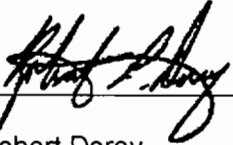
Comments

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Report For: Roma Wolf, Progress Energy Florida
P.O. Box 368
Intercession City, FL 33848

Report Date: 8/15/2006
Laboratory ID: AA84270
Location Code: PEI-#2-ICC-TANK3

roma.wolf@pgnmail.com

Route To: Progress Energy - Intercession City, Progress Energy - Admin

Sample Information

Description: #2 Oil, Inter. City GT, Tank 3, Progress Energy Inc
Project Account Code: 01
Sample Collection Method: Sampled by Customer
UNIT NUMBER: TANK #3

Sampled By: DAN BATTEN
Date and Time Collected: 8/1/2006 9:00:00 AM
Date of Sample Receipt: 8/1/2006
SAMPLE TYPE: CEMS

Laboratory Results

PARAMETER	Result	Units	MDL	Qual Code	Test Method	Analyst	Analysis Date & Time	Lower Limit	Upper Limit	Violation Check
API Gravity @ 60 Deg. F	35.0	Degrees API	0.1		ASTM D5002	PJ	08/01/06 11:30			
Carbon, Hydrogen, and Nitrogen in Oil										
Carbon	87.8	%	0.1		ASTM 5291	MM	08/10/06 09:00			
Hydrogen	13.2	%	0.1		ASTM 5291	MM	08/10/06 09:00			
Nitrogen	0.1	%	0.1	I	ASTM 5291	MM	08/10/06 09:00			
Density @ 15 C (59 F)	1.0656	kg/L	0.0001		ASTM Table3	PJ	08/01/06 15:35			
Gross Heat of Combustion, Oils, (HHV)	5795244	BTU/Barrel	1		Calculation	PJ	08/07/06 15:09			
Gross Heat of Combustion, Oils, (HHV)	19500	BTU/Lb.	1		ASTM D-240	PJ	08/03/06 09:00			
Gross Heat of Combustion, Oils, (HHV)	137982	BTU/Gal.	1		Calculation	PJ	08/07/06 15:09	137000		
Net Heat of Combustion, Oils, (LHV)	5437404	BTU/Barrel	1		Calculation	GAH	08/15/06 10:14			
Net Heat of Combustion, Oils, (LHV)	18296	BTU/Lb.	1		ASTM D-240	GAH	08/15/06 10:14			
Net Heat of Combustion, Oils, (LHV)	129462	BTU/Gal.	1		Calculation	GAH	08/15/06 10:14			
Pounds / Gallon @ 60 Deg. F	7.076	Lbs./Gal.	0.001		ASTM D-287	PJ	08/01/06 15:35		9.5	
Relative Density 60/60 Deg. F	0.8498		0.0001		ASTM D-1298	PJ	08/01/06 15:35			
Sulfur in Petroleum Products	0.03	%	0.01	I	ASTM D-1552	EMD	08/02/06 15:38		0.05	

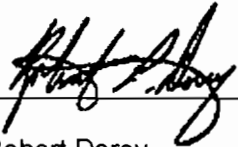
Comments

Api and Sulfur Rush

Data Qualifier Codes Explanation:

I - The reported value is between the laboratory method detection limit (MDL) and the laboratory practical quantitation limit (PQL). PQL = 4 x MDL.

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